A CHECKLIST OF MACROLEPIDOPTERA COLLECTED FROM RAINFOREST AND FORMER FOREST AREAS ON BASALT SOILS ON THE ATHERTON TABLELAND

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Abstract

This paper lists 835 species of nocturnal Macrolepidoptera collected during a quantitative sampling programme undertaken in northern Queensland in 1996-97. About 94% of designated 'morphospecies' were determined to genus and 72% to species.

Introduction

In 1996/97 we made two collecting excursions to Atherton, northern Queensland, trapping for three weeks each in the dry and wet seasons. We ran 6 battery operated actinic light traps per night in 10 localities which included complex notophyll vine forest type 5b, growing on basalt soils, and sites where the same original forest had been cleared and was in early (scramblerland) to mid successional stages of regrowth (see Hopkins *et al.* 1996 for habitat definitions). Mature forest localities included the well known Curtain Fig, Picnic Crossing and Wongabel State Forest. For the purposes of this study 'Macromoths' were defined by the usual macrolepidopteran families excepting butterflies and, in addition, the Pyraloidea, Hyblaeoidea, Immoidea, Zygaenoidea, Sesioidea and Castnioidea. The result was a total of 15,452 specimens which were sorted initially to morphospecies, counted and eventually identified as far as was possible by comparison with named specimens at ANIC, Canberra. Failure to identify specimens to species most commonly reflected the lack of an available name. The 835 species in our catch represents more than 17% of the named Australian fauna for groups considered. A selection of species is illustrated (Fig. 1). Faunistic relationships and ecological results are treated elsewhere (Kitching *et al.* 1997, Orr and Kitching, in press). The following is a list of the species we collected.

The Checklist

Species collected are listed following Neilsen *et al.* (1995) except where known species occurred which did not appear in that list. NAG refers to no available genus. The codes 'sp A', etc refer to determination labels on voucher specimens. The prefix 'aff' before a species name indicates a species close to the sample species but considered to be clearly different. Where uncertainty exists in a determination at the specific or generic level this is indicated by a question mark before the name.

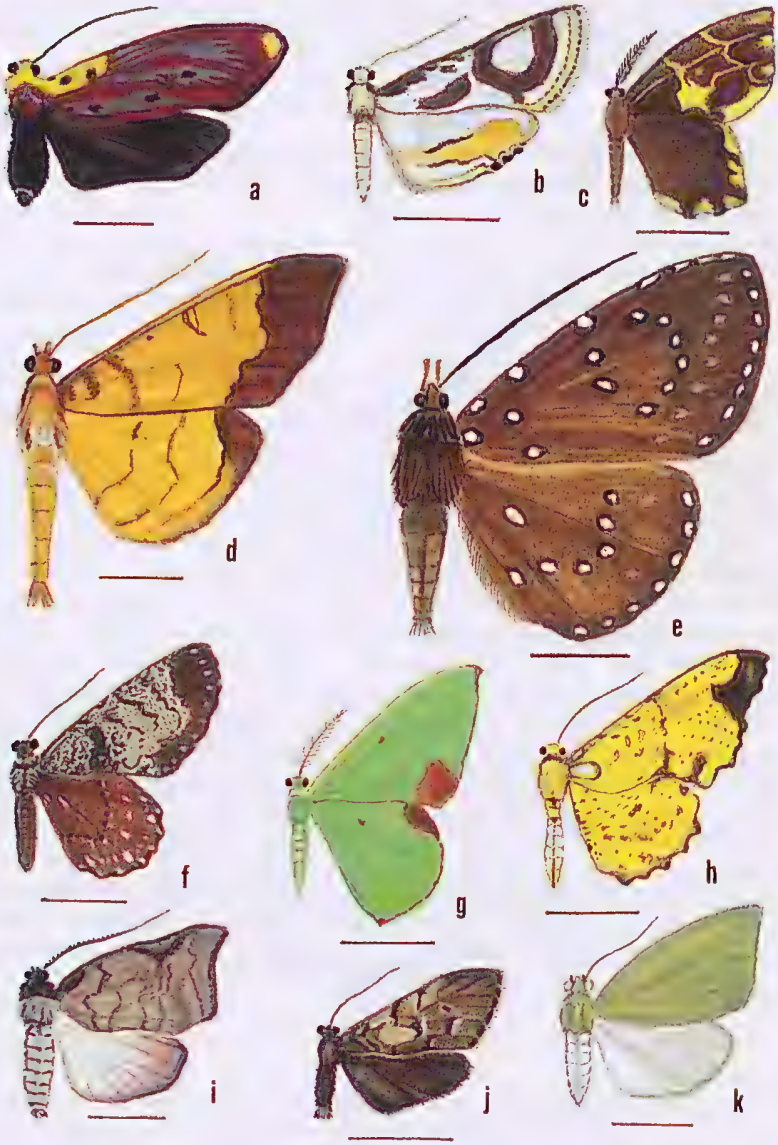

Fig. 1. (a) *Eustixis* sp.(in ANIC, unnamed), (b) *Theila siennata*, (c) *Peridilias* sp., (unusual form, close to *aprosita*), (d) *Meroctena staintonii*, (e) *Saroba niphomaculata*, (f) *Poecilasthena ischnophrica*, (g) *Comibaena mariae*, (h) *Corymica pryeri*, (i) *Scaphidriotis* sp. (in ANIC, unnamed), (j) *Beara falcata*, (k) *Erias* sp. Scale bars = 5 mm.

Table 1. List of moths recorded during 1996-97 near Atherton, Qld.

CHOREUTIDAE
Choreutis basalis (Felder & Rogenhofer)
Choreutis metallica (Turner)

ZYGAENIDAE
Zygaenidae sp A

LACTURIDAE
Eustixis parallela (Meyrick)
Eustixis sapotearum (Swainson)
Eustixis sp

LIMACODIDAE
Mambara delocrossa (Turner)
Anaxidia lozogramma (Turner)
Anaxidia sp
Eloasa callidesma (Lower)
Anepopsia eugyra Turner
Hypselolopha hypodrosa Turner
Praesusica placerodes (Turner)
Thosea penthima Turner

IMMIDAE
Imma lyrifera Meyrick

THYRIDIDAE
Striglininae
Striglina cinnamomea (Rothschild)
Banisia myrusalis (Walker)

Siculodinae
Hypolamprus bastialis (Walker)
Hypolamprus sp aff *melilialis* (Swinhoe)
Hypolamprus ypsilon (Warren)
Addaea subtessellata Walker
Oxychophina theorina (Meyrick)

PYRALIDAE
Galleriinae
Tirathalba rufivena (Walker)
Tirathalba parasiticus (T.P. Lucas)
Heteromicta ochraceela Hampson
Heteromicta poedes Turner
Meyriccia latro (Zeller)
Doloessa viridis Zeller

Epipaschiinae
Pseudocera trissosticha (Turner)
Salma hicanodes (Turner)
Salma nephelodes (Turner)
Lacalma albirufalis (Hampson)
Lacalma ? mniomima (Turner)
Stericta philobrya (Turner)
Stericta concisella (Walker)
Stericta ? rubroviridis Warren
Stericta ? dochmoscia (Turner)
Stericta bryomima (Turner)
Stericta sp aff *bryomima* (Turner)
Stericta sp
Orthaga seminivea (Warren)

Endotrichinae
Endotricha ignealis Geunée
Endotricha mesenterialis (Walker)
Endotricha dispergens T.P. Lucas
Endotricha pyrosalis Geunée
Endotricha lobibasalis Hampson
Endotricha pyrrhocosma Turner
Larodryas haplocala Turner

Pyralinae
Ocrasa decoloralis (Lederer)
Gauna flavibasalis (Hampson)
Arescoptera idiotypa Turner
Scenedra decoratalis (Walker)
Tanyethira sp
Vitesa glaucoptera Hampson
Macna coelocrossa (Turner)
Cardamyla didymalis Walker

Phycitinae
Cryptoblabini
Cryptoblabes spp A-E
Berastagia sp
Pseudodavara sp
NAG "*Cryptoblabes*" *ferrealis* (Lower)
Cryptoblabini spp A-E
Guastica sp

Phycitini
NAG *"Faveria" oculiferella* (Meyrick)
NAG *"Faveria" poliochyta* (Turner)
Faveria laiasalis Walker
Faveria tritalis (Walker)
? Faveria sp A
Ptyobathra sp
Calguia ? defiguralis Walker
Calguia sp
Indomyrlaea auchmodes (Turner)
Tylochares sp aff *melanodes* (Hampson)
Etiella walsinghamella Ragonot
Etiella behrii (Zeller)
Protoetiella venustella (Hampson)
Cathyalia pallicostalis (Walker)
Acrobasis olivalis (Hampson)
Hypargyria metalliferella Ragonot
Aurana actiosella Walker
Hypsipyla robusta (Moore)
Assara spp A-C
Homoeosoma vagella Zeller
Phycitini spp A-J

Peorini
Heosphora sp
Emmalocera sp
Peorini spp A-G

Crambinae
Euchromus sp aff *cornus* Schoulten
Neargyria argyraspis (Meyrick)
? *Chilo* sp
Calamotropha paludella (Hübner)
Calamotropha delatalis (Walker)
Crambinae spp A -D

Nymphulinae
Araeomorpha diplopa (Lower)
Araeomorpha limnophila Turner
Araeomorpha sp
?Araeomorpha sp
Hygraula nitens (Butler)
Paraponyx dentizonalis (Hampson)
Paraponyx villidalis (Walker)
Paraponyx polydectalis (Walker)
Paraponyx ? crisonalis (Walker)
Paraponyx stagnalis (Zeller)
Paraponyx diminutalis Snellen
Paraponyx dicentra Meyrick
Paraponyx tenebralis (Lower)
Elophila difflualis Snellen
Paracataclysta fuscalis (Hampson)
Cataclysta lampetialis Walker
Margarosticha sphenotis Meyrick
Margarosticta repetitalis (Warren)
Margarosticha sp A
Strepsinoma cruesalis (Walker)
Strepsinoma ? amaura Meyrick
Strepsinoma sp A
Strepsinoma sp B
Tetrernia teminitis Meyrick
Theila siennata (Warren)
Ambia ptolycusalis Walker

Scopariinae
Scopariini
Scoparia aphrodes Meyrick
Scopariini sp A

Hoploscopini
Perimecta sp
Hoploscopini sp A

Schoenobiinae
?Niphandoses pelleuces Common

Cybalomiinae
Trichophysetis neophylla Meyrick
Cybalomiinae sp A

Evergestinae
Crocidolomia pavonana (Fabricius)
Crocidoloma suffusalis (Hampson)

Odontiinae
Hemiscopis violacea (T.P. Lucas)
Hydrorybina polusalis (Walker)
Pseudonoorda hemileuca (Turner)
Trigonoorda trygoda (Meyrick)

Glaphryriinae
Hellula undalis (Fabricius)

Pyraustinae
Pyraustini
Pyrausta panopealis (Walker)
Ebulea perflavis (Hampson)
Pagyda botydalis (Snellen)
Hyalobathra brevialis (Walker)
Hyalobathra minialis (Warren)
Paliga mandronalis (Walker)
Paliga ignealis (Walker)
Circobotys occultilinea (Walker)
Lamprophaia albifimbrialis Walker
Lamprophaia ablactis Walker
Achyra massalis (Walker)
Urisiphita ornithopteralis (Geunée)
Euclasta maceratalis Lederer

Spilomelini
Sameodes iolealis (Walker)
Sameodes cancellalis (Zeller)
Samea multiplicalis (Geunée)
Desmia discrepens (Butler)
Hymenia perspectalis (Hübner)
Spoladea recurvalis (Fabricius)
Symmoracma minoralis (Snellen)
Bradina mannusalis (Walker)
Bradina admixtalis (Walker)
Aetholix flavibasis (Geunée)
Atelocentra chloraspis Meyrick
Piletocera meekii (T.P. Lucas)
Nacoleia amphicedalis (Walker)
Nacoleia mesochlora (Meyrick)
Nacoleia rhoeoalis (Walker)
Nacoleia glagoptera Turner
Nacoleia onychophragma Turner
Nacoleia syngenica Turner
Nacoleia obliqualis Hampson
Glycythyma leonina (Butler)
Metasia spilocrossa Turner
Metasia sp aff *capnochroa* Meyrick
Metasia ? ateloxantha (Meyrick)
Metasia tiasalis (Walker)
Metasia sp A aff *familiaris* (Meyrick)
Metasia spp B-F
Metasia zinkenialis Hampson
Didymostoma aurotinctalis (Hampson)
Dysallacta negatalis (Walker)
Dysallacta sp
Glyphodes callipona Turner
Glyphodes caesalis
Glyphodes sp aff *onychinalis* (Geunée)
Glyphodes multilinealis Kenrick
Glyphodes stolalis Geunée
Glyphodes canthusalis Walker
Glyphodes conjunctalis Walker
Glyphodes bicolor (Swainson)
Glyphodes sp aff *microta* Meyrick
Glyphodes flavizonalis Hampson
*Agrioglypta itysalis (*Walker)
Agrioglypta excelsalis (Walker)
Talanga sexpunctalis (Moore)
Chabula acamasalis (Walker)
Cydalima laticostalis (Geunée)
Omiodes surrectalis (Walker)
Omiodes origoalis (Walker)
Omiodes basalticolis (Lederer)
Omiodes poeonalis (Walker)
Omoides diemenalis (Geunée)
Omiodes sp A
Omiodes chrysampyx (Turner)
Parotis marginata (Hampson)
? Stemorrhages sp A
Palpita sp A aff *unionalis* (Hübner)
Palpita sp B
Palpita limbata (Butler)
Palpita kiminensis Kirti & Rose
Cirrhocrista sp aff *annulifera* Hampson
Caprinia felderi Lederer
Trigonobela perfenestrata (Butler)
Leucinodes orbonalis Geunée
Sceliodes cordalis (Doubleday)
Terastia subjectalis Lederer
Agathodes ostentalis Geyer
Maruca vitrata (Fabricius)
Pygospila tyres (Cramer)
Syllepte ochrotozona Hampson
Syllepte ridopalis Swinhoe
Haritolodes derogata (Fabricius)

Pardomima pompusalis (Walker)
Botyodes asialis Geunée
Meroctena staintonii Lederer
Notarcha aurolinealis (Walker)
Conogethes punctiferalis (Geunée)
Conogethes haemactalis Snellen
Liparachis tranqullalis (Lederer)
Rhimphalea lindusalis (Walker)
Pycnarmon meritalis Walker
Prophantis sp
Cotachena histricalis (Walker)
Cotchena aluensis (Butler)
Spilomelini sp A
Aethaloessa calidalis (Geunée)
Aethaloessa sp
Orphanostigma abruptalis (Walker)
Orphanostigma angustale Hampson
Ectadiosoma straminea (T.P. Lucas)
Archernis callixantha Meyrick
Protonoceras mitis (Turner)
Prorodes mimica Swinhoe
Herpetogramma licarsisalis (Walker)
Herpetogramma stultatis (Walker)
Herpetogramma sp
Cnapholocrocis medinalis (Geunée)
Cnapholocrocis poeyalis (Boisduval)
Cnapholocrocis sp ? aff *bilinealis* (Hampson)
Cnaphalocrocis sp

tribe uncertain
Pyraustinae spp A , B

GEOMETRIDAE
Ennominae
Hypochrosini
Corymica pryeri (Butler)

Scardamiini
Scardamia ithyzona Turner
Aplochlora sp

Baptini
Eurychoria geraspora (Turner)
Eurychoria sp ?aff *fictilis* (Turner)
Borbacha euchrysa (Lower)

Lithinini
Urostola magica Meyrick

Caberini
Parametrodes dispar Warren
Casbia sp aff *rectaria* Walker
Casbia albinotata Warren
Casbia sp aff *scardemiata* Warren
Lomographa sp A
Laophila sabulicolor (Turner)

Eutoeini
Luxiaria ochrophara (Turner)

Macariini
Godonela tessellata (Warren)

Boarmiini
NAG *'Boarmia' thermaea* (Meyrick)
NAG *'Boarmia' agoraea* (Meyrick)
? *Psilalcis isombra* (Meyrick)
Neogyne elongata Warren
Paradromulia ambigua Warren
Paradromulia sp A aff *ambigua* Warren
Paradromulia leucodesma (Turner)
Boarmiini spp A, B aff *Paradromulia*
Pleurolopha ? *nebridota* Turner
Ateloptila confusa Warren
Catoria camelaria (Geunée)
Catoria delectaria (Walker)
Ectropis bhurmitra Walker
Ectropis gravis (Turner)
Ectropis mniara Turner
Ectropis sp
Ectropis ? *lignea* Goldfinch
Cleora repetita (Butler)
Cleora illustraria (Walker)
Cleora sp aff *injectaria* (Walker)
Cleora tenebrata (D.S. Fletcher)
Cleora costiplaga (D.S. Fletcher)
Cleora sp A aff *perfumosa* (Warren)
Cleora sp B
Amblychia subrubida Warren
Chorodna strixaria (Geunée)
Racotis maculata (T.P. Lucas)

Polyacme dissimilis (Warren)
Polyacme subpulchra (Warren)
Polyacme sp
Hyposidra incomptaria (Walker)
Craspedosis leucosticta Warren
Bracca rotundata (Butler)

unplaced
Xenomusa metallica T.P. Lucas
Peridelias aprosita Turner

Oenochrominae
Oenochroma vinaria Geunée
Parepisparis multicolora (T.P. Lucas)
Taxeotis perlinearia (Walker)
Taxeotis ? *mimela* L.B. Prout
Taxeotis alloceros Turner
Taxeotis epigaea Turner
? *Taxeotis* sp
Epidesmia tryxaria (Geunée)
Epidesmia reservata (Walker)
Epidesmia sp A aff *phoenicina* Turner
Eumelea rosalia (Stoll)
Eumelea stipata Turner

Geometrinae
Hypodoxa sp aff *bryophylla (Goldfinch)*
Pingasa chlora (Stoll)
Aeolochroma hypochromaria (Geunée)
Aeolochroma saturataria (Walker)
Aeolochroma turneri (T.P. Lucas)
Oenochlora imperialalis Warren
Agathia ochrotypa Turner
Agathia prasinaspis Meyrick
Anisozyga insperata (Walker)
Anisozyga sp aff *speciosa* (T.P. Lucas)
Anisozyga fascinans (T.P. Lucas)
Anisozyga goniota (Lower)
Anisozyga sp A
Metallochlora militaris (T.P. Lucas)
Metallochlora venusta (Warren)
Hemithea pellucidea (Turner)
Gelasma ?*calaina* (Turner)
Gelasma orthodesma (Lower)
Prasinocyma iosticta (Meyrick)
Prasinocyma caniola (Warren)
Comibaena inductaria (Geunée)
Comibaena mariae (T.P. Lucas)
Eucrostes disparata Walker
Mixocera latilineata (Walker)
Mixocera sp.
Pyrrhorachis pyrrhogona (Walker)

Sterrhinae
Organopoda olivescens Warren
Chrysocraspeda cruoraria (Warren)
?*Traminda mundissima* Walker
Gnamptoloma aventiaria (Geunée)
Anisodes punctata (Warren)
Anisodes sp aff *obstataria* (Walker)
Anisodes ? *niveopunctata* (Warren)
Anisodes sp aff *flavispila* (Warren)
Anisodes ? *flavirubra* (Warren)
Scopula sp aff *oppilata* (Walker)
Scopula ? *optivata* (Walker)
Scopula sp aff *optivata* (Walker)
Scopula spp A-C
Idaea sp aff *delosticta* (Turner)
Idaea inversata (Geunée)
Idaea sp ? aff *dolichopis* (Turner)
Idaea elaphrodes (Turner)
Idaea pilosata (Warren)
Idaea dasypus (Turner)
Idaea sp A
?*Idaea* sp B
Sterrhinae spp A, B

Larentiinae
Xanthorhoini
Chrysolarentia ? *plesia* (Turner)
? *Xanthorhoe* sp A, B
Epyaxa sodaliata (Walker)
Epyaxa ? *subidaria* (Geunée)
Visiana brujata (Geunée)

Trichopterygini
Sauris plumipes Dugdale
Sauris sp aff *malaca* (Meyrick)
Trichopterygini sp A

Eupitheciini
Gymnoscelis sp A
Larentiinae sp C near *Gymnoscelis*
Symmimetis muscosa Turner
Symmimetis sylvatica Turner
Chloroclystis elaeopa Turner
Chloroclystis pyrrholopha Turner
Phrissogonus sp ?aff *laticostata* Walker
Chloroclystis cissocosma Turner
Chloroclystis gonias Turner
Chloroclystis ? *delosticta* Turner
Chloroclystis sp aff *plinthocyta* Turner
Chloroclystis spp A-C
Chloroclystis sp aff *pauxillula* Turner
Tephroclystia tornolopha Turner
Eupithecini spp A, B

Asthenini
Cretheis cymatodes (Meyrick)
Cretheis atrostrigata Warren
Poecilasthena thalassius (Meyrick)
Poecilasthena sthenommata Turner
Poecilasthena ischnophrica Turner

unplaced
Scotocyma albinotata (Walker)
Eccymatoge aorista (Turner)
Heterochasta lasioplaca Lower

DREPANIDAE
Astatochroa fuscimargo (Warren)

URANIIDAE
Uraniinae
Stesichora quadripunctata Warren
Micronia sp A

Epipleminae
Chundana lugubris Walker
Lobogethes interrupta Warren
Balantiucha mutans (Butler)
Balantiucha sp aff *leucocera* (Hampson)
Cathetus euthystichta (Turner)

LASIOCAMPIDAE
Pararguda crocata (Turner)

ANTHELIDAE
Anthela ? *nicothoe* (Boisduval)
Anthela astata Turner
Anthela sp A ? aff *acuta* (Walker)
Anthela sp B aff *acuta* (Walker)
Anthela spp C-D
Anthela ocellata (Walker)
Anthelidae sp A

EUPTEROTIDAE
Eupterote expansa (T.P. Lucas)

SATURNIDAE
Syntherata janetta (White)
Coscinoscera hercules (Miskin)

SPHINGIDAE
Sphinginae
Agrius convolvuli (Linnaeus)

Macroglossinae
Macroglossum alcedo (Boisduval)
Hippotion rosetta (Swinhoe)

NOTODONTIDAE
Ortholomia mollucana C. Felder
Syntypistis chloroplasta Turner
Neostauropus viridissimus (Bethune-Baker)
Cascera bella Bethune-Baker
Omichlis hadromeres Turner

LYMANTRIIDAE
Arctornis sp
Olene mendosa Hübner
Orgyia ?*australis* Walker
Calliteara farenoides (T.P. Lucas)
Dura sp
Dasychiroides sp A
Euzora collucens (T.P. Lucas)
Leptocneria reducta (Walker)
Euproctis sp aff *aliena* (Butler)
Euproctis xuthoptera (Turner)
Euproctis trispila (Turner)

Euproctis lutea (Fabricius)
Euproctis lucifuga (T.P. Lucas)
Euproctis epaxia Turner
Euproctis actor Turner
Euproctis leonina (Turner)
Euproctis spp A, B
Acyphas pelodes (Lower)
Acyphas sp

ARCTIIDAE
Lithosiinae
Heterallactis stenochrysa Turner
Chrysomesia lophoptera (Turner)
Schistophleps albida (Walker)
Schistophleps obducta (T.P. Lucas)
Psilopepla mollis (T.P. Lucas)
Notata modicus (T.P. Lucas)
Philenora sp ? aff *chionastis* (Meyrick)
Philenora aspectalella (Walker)
Philenora sp.
Lyclene pyraula (Meyrick)
Symmetrodes sciocosma Meyrick
Asura polyspila Turner
Asura monospila Turner
Asura coccinocosma Turner
Thallarcha staurocola (Meyrick)
Thallarcha sp A aff *epicela* Meyrick
Thallarcha epileuca Turner
? *Thallarcha* spp B-D
Damias pelochroa (Hampson)
Macaduma picroptila (Hampson)
Macaduma toxophora (Turner)
Macaduma sp aff *toxophora* (Turner)
Macaduma sp ? aff *strongyla* Turner
Halone interspersa (T.P. Lucas)
Halone sejuncta (R. Felder & Rogenhofer)
Halone ebaea Hampson
? *Halone* spp A, B
Scaptesyle dichotoma (Meyrick)
Heliosia micra Hampson
Microstola ammoscia Lower
Ameleta aff *panochra* Turner
Cyana meyricki (Rothschild)
Cyana obscura (Hampson)
? *Scaphidriotis* spp A, B
Scahpidriotis sp C aff *xylogramma* Turner
Atelophleps tridesma Turner
? *Atelophleps* sp
Goniosema euraphota Turner
Goniosema sp.
Calamidia hirta (Walker)
Manulea replana (Lewin)
Manulea sp aff *replana* (Lewin)
Manulea dorsalis (Walker)
Eilema plana (Boisduval)
Eilema sp aff *plana* (Boisduval)
Teulisna bipunctata (Walker)
Aedoea decreta (Butler)
Oenistis altica (Linnaeus)
Ateucheta zatesima (Hampson)
Scoliacma nana (Walker)
Scoliacma fasciata (Aurivillius)
Lambula transcripta (T.P. Lucas)
Lambula pleuroptycha Turner
Lambula obliquilinea Hampson
Lambula ? *phyllodes* (Meyrick)
Chrysoscota tanyphara Turner
Lithosiinae spp A - C

Arctiinae
Argina astrea (Drury)
Utethesia pulchelloides Hampson
Utethesia aegrotum (Swinhoe)
Nyctimera luctuosa (Vollenhoven)
Nyctimera baulus (Boisduval)
Amerila rubripes Walker
Spilosoma curvata (Donovan)
Paralacydes maculifascia (Walker)
Creatonotus gangis (Linnaeus)

Ctenuchinae
Ceryx sphenodes (Meyrick)
Amata leucacma (Meyrick)
Amata ochrospila (Turner)
Eressa megalospilia Turner

AGANIDAE
Digama marmorea Butler
Agape chloropyga (Walker)
Asota heliconia (Linnaeus)

HERMINIIDAE
Pogonia micrastis (Meyrick)
Pogonia umbrifera (T.P. Lucas)
Nodaria cornicalis (Fabricius)
Polypogon fractalis (Geunée)
Squamipalpus pantoea (Turner)
Hydrillodes fenustellis (Walker)
Hydrillodes spp A - E
Simplicia caeneusalis (Walker)
Adraspa ablualis Walker
Bocana manifestalis Walker
Corethrobela melanophaes Turner
Auchmophanes platysara (Turner)
Stenhypena albopunctata (Bethune-Baker)
Herminiidae sp A

NOCTUIDAE
Rivulinae
Rivula ? *curvifera* (Walker)
Rivula everta Swinhoe
Rivula concinna (T.P. Lucas)
Rivula sp aff *concinna* (T.P. Lucas)
Rivula biagi Bethune-Baker
? *Rivula* sp

Hypenodinae
Trigonistis sp ? aff *demonias* Meyrick
Luceria sp aff *oculalis* (Moore)
Luceria sp A
Hypenodinae spp A - E

Hypeninae
Lysimelia lenis (T.P. Lucas)
Britha biguttata Walker
Rhynchodontodes chalcias (T. P. Lucas)
Hypena orthographa Turner
Hypena subvittalis Walker
Hypena simplex T.P. Lucas
Hypena sp aff *simplex* T.P. Lucas
Hypena conscitalis Walker
Hypena gonospilalis Walker
Hypena ? *masuralis* Geunée
Hypena laceratalis Walker
Hypena sp aff *fijiensis* Robinson
Hypena spp A, B
Dichromia quinqualis Walker
Foveades sp
Mecistoptera sp
NAG "Hypena" *rhyncophora* (Lower)
NAG "*Hypenodes*" *porphyritica* (Meyrick)
Synolulis rhodinastis (Meyrick)
Philogethes metableta Turner
Hypertrocta brunnea (Bethune-Baker)
Prolophota pallida (Turner)
Esthlodora versicolor Turner
Esthodora variabilis (Swinhoe)
Parilyrgis concolor Bethune-Baker
Naarda sp.
Artigisa impropria (Walker)
Sandava xylistis Swinhoe
Elaphristis anthracititis (Turner)
Elaphristis psoloessa (Turner)
Elaphristis melanica (Turner)
Prionopterina grammatistis (Meyrick)
Lophotoma diagrapha Turner
Calathusa hypotherma (Lower)
Calathusa basicunea Walker
Hypeninae sp A

Catocalinae
Tamba sp aff *haemacta* (Turner)
Amphiongia chordophoides Lucas
Hypocala deflorata (Fabricius)
Axiocteta oenoplex Turner
Axiocteta turneri Bethune-Baker
Anomis planalis (Swinhoe)
Anomis flava Fabricius
Anomis involuta Walker
Anomis definata Lucas
Anomis combinans Walker
Anomis xanthochroa Butler
Oxyodes tricolor Geunée
Hypospila creberrima (Walker)
Dahlia capnobela (Turner)
Saroba niphomaculata (Lower)
Loxioda hampsoni (Bethune-Baker)
Gesonia obeditalis Walker
Raparna crocophara Turner
Rhesala imparata Walker
Rhesalides curvata (Lucas)

Acantholipes trajecta Walker
Acantholipes juba Swinhoe
Meranda susialis Walker
Alapadna pauropis Turner
Parapadna placospila Turner
Tolpoides melanoproctis Hampson
Tolpiodes spp A -B
Tolpia conscitulana Walker
Tolpia spp A- E
Pseudogyrtona fulvana Bethune-Baker
Pseudogyrtona perversa Walker
Chodda ochraeovenata Bethune-Baker
Bocula odontosema Turner
Fodina sp aff *ostorius* (Donovan)
Polydesmiola meeki (Lucas)
Ophyx eurrhoa Lower
Pantydia sparsa Geunée
Pantydia metaspila Walker
Pantydia sp aff *metaspila* Walker
Pantydia spp A- C
Tathorhynchus fallax Swinhoe
Alophosoma hypoxantha (Lower)
Sympis rufibasis Geunée
Sympis sp aff *rufibasis* Geunée
Platyja exequialis (Lucas)
Ericeia pertendens (Walker)
Nagia linteola (Geunée)
Diatenes aglossoides Geunée
Mocis alterna (Walker)
Mocis frugalis Fabricius
Mocis trifasciata Stephens
Avatha discolor (Fabricius)
Avatha subumbra Bethune-Baker
Chalciope alcyona Druce
Trigonodes hyppasia Cramer
Grammodes ocellata Tepper
Grammodes cooma Swinhoe
Dysgonia monogona (Lower)
Dysgonia senex (Walker)
Dysgonia constricta (Butler)
Achaea janata Linnaeus
Ercheia dubia (Butler)
Ophiusa discrimans (Walker)
Ophiusa disjungens Walker
Donuca rubropicta (Butler)

Catocalinae spp A, B in ANIC

Plusiinae
Argyrogramma signata Fabricius
Chrysodeixis eriosoma (Doubleday)
Ctenoplusia albostriata Bremer & Grey
Ctenoplusia placida Moore
Thysanoplusia orichalcea Fabricius

Stictopterinae
Lophoptera hemithyris Hampson
Lophoptera vittigera Walker

Euteliinae
Pataeta carbo (Geunée)
Targalla delatrix (Geunée)
Anigraea ochrobasis Hampson

Chloephorinae
Xanthodes emboloscia (Turner)
Erias smaragdina Butler
Erias sp aff *smaragdina*
Aiteta iridias (Meyrick)
Maurilia iconica (Walker)
Beara falcata Holloway
Maceda mansuetta Walker
Maceda rotundimaculata Warren
Westermania gloriosa (Hampson)

Sarrothripinae
Blenina viridata Bethune-Baker
Giaura punctata (Lucas)
Nycteola symmicta (Turner)
Nycteola indica R. Felder
Nycteola exophila (Turner)
Nanaguna breviuscula Walker

Nolinae
Acatapaustus atrinota Hampson
Nola achromia Hampson
Nola platygonia Lower
Nola sp D aff *cerraunias* Turner
Nola sp B aff *crucigera* Turner
Nola sp A aff *fasciata* Walker
Nola ? *pycnopasta* (Turner)

Nola sp G aff *eucompsa* Turner
Nola sp E aff *pycnographa* (Turner)
Nola elaphra Turner
Nola pygmaeodes Turner
Nola diastropha Turner
Nola sp aff *diastropha* (Turner)
Nola aff *argentea* (T.P. Lucas)
Nola sp C aff *sphaerospila* Turner
Nola taeniata Snellen
Nola sp aff *fovifera* (Hampson)
Nola sp H
Nolinae spp A-C
Pisara hyalospila Hampson

Acontiinae
Acontia thapsina (Turner)
Acontia elaeoa (Hampson)
Acontia nivipicta Butler
Acontia crocata Geunée
Maliattha amorpha (Butler)
Maliattha signifera Walker
Maliattha ritsemae (Snellen)
? *Eustrotia* sp
Eulocastra fasciata Butler
NAG *'Oruza' stragulata* (Pagenstecher)
NAG *'Orusa' cariosa* (Lucas)
Hyposada hydrocampata (Geunée)
Corgatha sp aff *figuralis* (Walker)
Enispa niviceps Turner
Sophta concavata Walker
Sophta poecilota Turner
Sophta sp aff *poecilota*
Carmara subcervina Walker
Hypobleta cymaea Turner
NAG *lithochroma* Turner near *Ozarba*
Metachrostis paurograpta Butler
NAG *"Eublemma" glaucochroa* Turner
Trissernis prasinoscia Meyrick
Trissernis ochrochlora (Turner)
Alypophanes iridocosma Turner
Microedma extorris Warren
Eublemma vestalis (Butler)
Eublemma ragusana (Freyer)
Eublemma sp aff *ragusana*
Eublemma lozostropha Turner
Eublemma rivula Moore
Eublemma cochylioides (Geunée)
Eublemma anachoresis (Walengren)
Autaba silicula Swinhoe
Autaba abrupta (Walker)
Amyna natalis Walker
Amyna punctum (Fabricius)
Amyna axis (Geunée)
Amyna sp
? *Amyna* sp
Acontiinae sp A

Agaristinae
Coenotoca subaspersa (Walker)
Mimeusemia centralis (Rothschild)

Amphipyrinae
Sasunaga leucorina (Hampson)
Callopistria placodoides (Geunée)
Platyprosopa nigrostrigata (Bethune-Baker)
Condica illecta Walker
Condica aroana Bethune-Baker
Condica dolorosa Walker
Spodoptera litura Fabricius
Spodoptera mauritia Boisduval
Craniophora fasciata (Moore)
Chasmina tibialis (Fabricius)
Callyna leuconota Lower
Callyna monoleuca Walker
Aedia leucomelas Linnaeus
Acrapex spp A, B
Bathytrichia truncata (Walker)
Athetis thoracica Moore
Athetis tenuis Butler
Athetis striolata (Butler)
Athetis reclusa Walker
Athetis maculatra Lower
Proteuxoa flexirena Walker
Proteuxoa hypochalcis Turner
Proteuxoa sp

Cuculliinae
Neogalea sunia (Geunée)

Hadeninae
NAG *"Dasygaster" exarans* Lucas
NAG *"Eurypsyche" scottii* (Butler)
Mythimna reversa Moore
Mythimna formosana Butler
Mythimna sp aff *formosana* Butler
Leucania loreyi Duponchel
Leucania stenographa Lower
Leucania polysticha Turner
Leucania linearis Lucas
Leucania abdominalis (Walker)
Leucania diatrecta Butler
Leucania leucocosta Lower
Leucania rhodopsara Turner
Leucania porphyrodes Turner
Leucania sp.
Tiracola plagiata Walker
Elusa semipecten Swinhoe
Elusa ? *oenolopha* Walker
Elusa sp B

Noctuinae
Agrotis ipsilon Hufnagel
Agrotis munda Walker

Heliothinae
Adisura dulcis Moore
Australothis rubrescens (Walker)
Helicoverpa armigera Hübner
Helicoverpa assulta (Geunée)

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